

## CLAIMS:

1. Record carrier of a writable type for recording information by writing marks in a track, the marks being detectable during scanning the track via a beam of radiation by a first type of variations of the radiation,

the record carrier comprising a pregroove indicating the position of the track,

5 the pregroove exhibiting a wobble constituted by displacements of the pregroove in a direction transverse to the longitudinal direction of the track, and the pregroove exhibiting a pregroove modulation constituted by variations of a physical parameter related to the shape of the pregroove,

the wobble being detectable during said scanning by a second type of

10 variations of the radiation, and the pregroove modulation being detectable during said scanning by further variations of said first type.

2. Record carrier as claimed in claim 1, wherein said first type of variations are variations of a reflection level of the track for the radiation.

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3. Record carrier as claimed in claim 1, wherein said first type of variations due to the marks are substantially in a first frequency range, whereas said first type of variations due to the pregroove modulation are substantially in a different frequency range.

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4. Record carrier as claimed in claim 1, wherein said second type of variations due to the wobble are substantially in a wobble frequency range, whereas said first type of variations due to the pregroove modulation are substantially in a different frequency range.

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5. Record carrier as claimed in claim 1, wherein said variations of the physical parameter related to the shape of the pregroove are constituted by variations of the depth or width of the pregroove.

6. Record carrier as claimed in claim 1, wherein the pregroove modulation is representing control information for controlling recovery of the information.

7. Record carrier as claimed in claim 1, wherein the pregroove modulation is representing program information, in particular access information for accessing information to be recorded by the marks, audio or video processing software, or content information  
5 representing at least part of an audio or video program.

8. Device for scanning a track on a record carrier via a beam of radiation, the record carrier comprising a pregroove indicating the position of the track, the pregroove exhibiting a wobble constituted by displacements of the pregroove in a direction transverse to  
10 the longitudinal direction of the track and the pregroove exhibiting a pregroove modulation constituted by variations of a physical parameter related to the shape of the pregroove,  
the device comprising

- a head for providing the beam,
- a front-end unit for generating a main scanning signal for detecting marks in the track and  
15 the pregroove modulation during said scanning by a first type of variations of the radiation, and for generating an auxiliary scanning signal for detecting the wobble during said scanning by a second type of variations of the radiation, and
- a pregroove demodulation unit for retrieving additional information encoded in the pregroove modulation from the main scanning signal.

20 9. Device as claimed in claim 8, wherein the pregroove demodulation unit comprises a filter unit for filtering a frequency range from the main scanning signal, said frequency range being set for filtering said first type of variations due to the pregroove modulation.

25 10. Method of providing information to a user via a record carrier, the method comprising the steps of

- providing a record carrier of a writable type as claimed in claim 1,
- providing information for recording on the record carrier in dependence on the pregroove  
30 modulation.

11. Method as claimed in claim 10, wherein the record carrier is provided with one or more samples of content information, and said providing of information for recording

comprises making available to a user full versions of said samples, in particular via a network.